



Montipower Test Equipment & Specialty Tool

www.m-testco.com

WATER QUALITY TEST KIT

HoldTight®102 is very simple to use but is partially dependent on the quality of the water being used to wash down the steel. The numbers below are **guidelines** as each situation is different. The main two parameters that effect the efficiency of the wash are Hardness of the water and Conductivity. While not as critical, it can also be useful to measure pH, which could indicate other problems.

Hardness Test

Follow directions on the label.

0-30 ppm – excellent quality water

30-60 ppm – adequate water

60 – 120 ppm – poor water

120-180 ppm – marginal

> 180 ppm – may severely limit cleaning

As water hardness increases, additional HoldTight® may be required. Do not dilute less than 50:1 (2%) without consulting a HoldTight® Representative.

Conductivity

The average potable water in the US is 350 $\mu\text{S}/\text{cm}$. NOTE $\mu\text{S}/\text{cm}$ is the same as microSeimens/cm and is also sometimes referred to as μmoes . Any water from 0 to 350 $\mu\text{S}/\text{cm}$ should work with HoldTight®.

The EPA recommended limit for potable water is 500 $\mu\text{S}/\text{cm}$. Water with conductivity between 350 $\mu\text{S}/\text{cm}$ and 500 $\mu\text{S}/\text{cm}$ is generally OK but that may depend on what is causing the conductivity.

Water above 500 $\mu\text{S}/\text{cm}$ should be avoided if possible as it may not adequately clean the surface.

pH

The pH of the water being used should be between 6.5 and 7.5 pH. Water outside this range may indicate there is a problem. Contact your HoldTight® representative.

WHEN IN DOUBT CONTACT HOLDTIGHT® OR YOUR HOLDTIGHT REPRESENTATIVE

FOR REFILLS OR ADDITIONAL INFORMATION ON THIS TEST KIT CONTACT MTest – 281-359-2215